

ABSTRACT OF DISCLOSURE

An image projecting apparatus including a light source that emits a plurality of monochromatic lights of different wavelength, a condenser lens that concentrates the plurality of monochromatic lights, a color separating device that has a plurality of dichroic mirrors which while rotating selectively reflect or transmit the plurality of incident monochromatic lights. A square beam generator receives the input of two reflected monochromatic lights from the color separating device almost simultaneously, thereby forming two square beams. A panel unit receives the two square beams generated, thereby forming respectively corresponding monochromatic color stripes thereon. By selectively reflecting or transmitting the plurality of incident monochromatic lights with the plurality of dichroic mirror wheels, light utilization at a panel increases. Further, since the two different monochromatic color stripes are simultaneously formed on the panel unit, partial overlapping of the monochromatic color stripes on the panel unit is prevented.